LISTING OF CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claim 1 (Presently Amended) A method for distributing keys to subscribers in digital mobile radio networks, ~~with the keys being generated, and possibly being stored if required,~~ comprising the steps of:

generating the keys in a security device provided at the mobile radio network end ~~and, on request by a subscriber, at~~ ;

requesting at least one key ~~being requested~~ from the security device ~~and being transmitted~~ ; and

transmitting the at least one key via the mobile radio network to a mobile station or a terminal of ~~the~~ a subscriber, ~~characterized in that~~ wherein

the generated keys are stored in the security device prior to transmission;

the requesting step is performed by the subscriber;

the transmitted key is allocated to ~~that~~ the subscriber[[,]] ; and

the transmitted key is stored in the terminal and/or in a subscriber identity module ~~SIM~~ (SIM) in the mobile station.

Claim 2 (Presently Amended) The method ~~as claimed in~~ of claim 1, ~~characterized in that an SAT~~ further comprising a SIM application toolkit (SAT) application ~~is~~ set up in the ~~subscriber identity module~~ SIM[[,]] in the mobile station, ~~and~~

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wherein the SAT application carries out additional end-to-end encryption of the key transmitted between the mobile station and the security device.

Claim 3 (Presently Amended) The method ~~as claimed in~~ of claim 2, ~~characterized in that, in order to use~~ wherein before using the SAT application, the subscriber ~~must identify himself to the subscriber identity module~~ is identified to the SIM by entering a ~~PIN~~ personal identification number (PIN).

Claim 4 (Presently Amended) The method ~~as claimed in~~ of claim 1, ~~characterized in that~~ wherein the transmitted key is stored in a protected memory area in the ~~subscriber identity module~~ SIM.

Claim 5 (Presently Amended) The method ~~as claimed in~~ of claim 1, ~~characterized in that~~ wherein the key is transmitted via a traffic channel in the mobile radio network.

Claim 6 (Presently Amended) The method ~~as claimed in~~ of claim 1, ~~characterized in that~~ wherein the key is transmitted in the form of a short message ~~SM~~ (SM) via a signaling channel in the mobile radio network.

Claim 7 (Presently Amended) The method ~~as claimed in~~ of claim 1, ~~characterized in that,~~ wherein when the key is requested, the subscriber's authorization is checked by

evaluating a mobile subscriber telephone number ~~MSISDN~~ (MSISDN) for the subscriber.

Claim 8 (Presently Amended) The method ~~as claimed in~~ of claim 1, ~~characterized in that~~ wherein the security device sends the key which is transmitted to the subscriber to one or more added value service nodes.